

Figure 1

figure 2a

*lpi* (SEQ ID NO 2)

ATCTATATAGTTAATGAATAATTAAATGTAATTTTCTTTTCTAGTTCATTAATAATAATTAGTACTAATTACT

AAGGAGATAAAAAATGAAAAATTAGAAATCTATACCTTGGCGGGAACCTTTAGCAATCGTTTTAGCATCACCCAC

TAGTAACATAATCTAGATAAAAAATGAGGCACAGCTAGCACAGCTTGGCCACATCGAATGAATATCAAAACG

AAAAGTTAGCTAATGAATTAAAAATCGTTATTAGATGACATAAATGTTAATGAATTAGCTACTGGAAAGTTTAA

T

ACACTTATTATAAGCGAATCTATAAAAAATTCAGGTCAAAAGCAATGTATGCTCTTAAGTCAAAAGACTTTTA

AGAAAATGTCAGAGCAAAATATATCACTTCAAAAGATTTTATAACGAAATTTCAGGAGCATATAAAAGTAAT

ATTAAAAAAACCCCGTAAAGGGTGGTTTAAATTTCTAGATAATATAAAAGTGTTCATAAATAAAACAG

TATAGG

Figure 2b

Lp1B (SEQ ID NO 4)

GGAGAGTTTACAATGAATTTAAAAATATATATTAAACAGAACATTAGCAT  
TACTTTTATCATCAACTGGGATAGCAACTATAGAAGGGAATAAAGCAGATG  
CAAGTAGCTGGACAAATATTTAACTGAAAGTCAGTTTCATGATAAACGCA  
TAGCAGAAGAATTAAAGAACTTTACTTTAACAAATCGAATGTATATGCATTAG  
CTGCAGGAAGCTTAAATCCATATTTATAAAGGTACGATTATGATGAATGAAT  
ATAGAGCTAAGCGGCACTTAAGAAAAATGATTTTCGTATCAATGGCTGATG  
CTAAGTTGCATTAGAAAAATATACAAAGAAATTTGATGAAATTTATAATA  
GATTAAT

Lp1C (SEQ ID NO 6)

GGAGAATTTACAATGAATTTAAAAATATATATAGTAGCAGGAACATTAGCAGTACTATTATCAACAACAGCAGTATCAACGTTAGATGGGAA  
TAAAGCAGATGCAAGTAGTAAGAAAGACTATATATAATTCAAAGTGAGTTTCATGATAAACGAATTGCTGAAGAAATTGAAATCATTACTTTGATC  
AATCTTATGTAATGATTTAGCTGCAGGAAGCTTTAAACCCATCTACAAACGTTATGATTATGATGAACCAATATAGAGCAAAAAGCAGCACA  
AAAAGTAATTAATTCGCAAAAATGGCTGAAGCTAAAGTTGGATTAGAAAAACATTTACAAAGAAATTTGATGAAATTTATATAATAGATAAT

Lp1D (SEQ ID NO 8)

GGAGTAACAAAGCATGACAAACACAAATGAAATCAAACATATTTAGTTGCTGGTATTAAAGCGGCTCCTTGATACGACTGGTATTAAA  
TTAGCAAGCAAAATCTGAAGCTACATCACATACGATCAACATCAAGCGCTTGTAGATCAATTACATGAATTAATAGCAACACTGACTTAAA  
TAAATTATCGTACCTAAATTTAGATGCGGTTTCAAAAACGCGATATTTTAGCTGCGCACTATATTGCAAAATCGGCTATACGCACATAAAAATTTT

T G

CGATCAATGACTAAAGCGAAACAAAGATTAGAAGTATTTACAATTCATTTCTAACCCCTTTGCATTCACAAACAATTAATAATTCA

Figure 3

LPI (116aa) (SEQ ID NO 3)

MKIRKSILACTLIAVLASPLVTNLDKNEAQASTSLPTSNEYQNEKLANELKSLDELNVNELATGSLNTYYK

<sup>L</sup>

RTIKISGQKAMYALKSKDFKMSKAKYQLOKIYNEIDEALKSKY

LPI-B (116aa) (SEQ ID NO 5)

MKFKKYILTGTLALLLSSTGIATIEGNKADASSLDKYLTSQFHDKRIAEEELRTLLNKSNNVYALAAGSLNPYYKRTIMMNEYRAKALKKNDFVSMADAKVALEKIYKEIDEIINR

LPI-C (116aa) (SEQ ID NO 7)

MKFKKYIVAGTLAVLLSTTAVSTLDGNKADASSKKDYIIQSEFHDKRIAEEELKSLDDQSYVNDLAAGSLNPYYKRNIMMNQYRAKALKSNFNAKMAEAKVGLENIYKEIDEIINR

LPI-D (114aa) (SEQ ID NO 9)

MTTQMKIKTYLVAGIKAALLDGTGIKLASKSETTSTHTYQHQAIVDQHLIELIANTDLNKLSYLNLDFAFK

H D

RDILAAHYIAKSAIRTKNLDQMTKAKQRLSEIYNSISNPLHSQNN

Figure 4

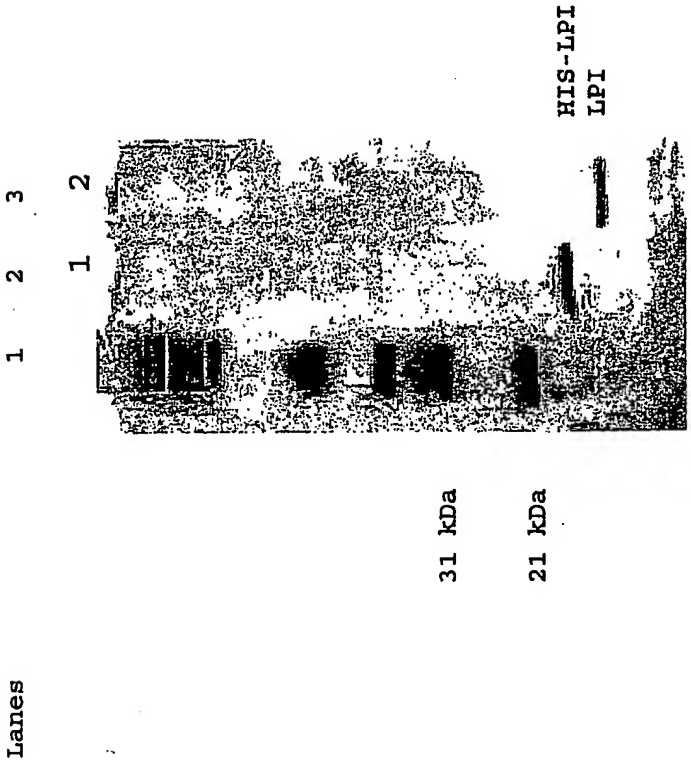
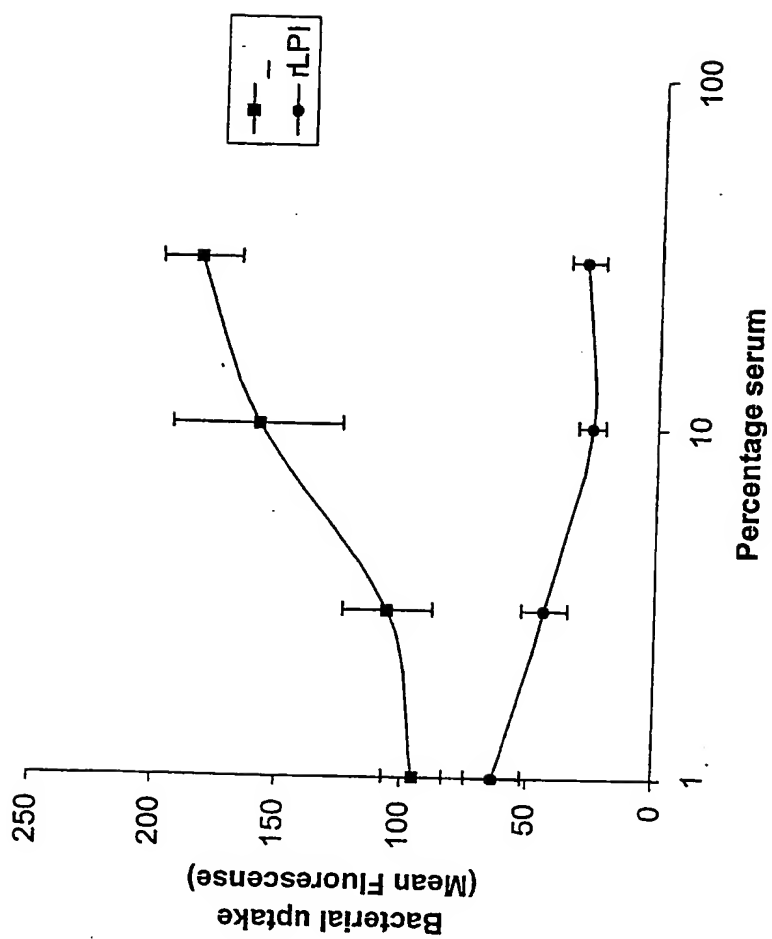


Figure 5

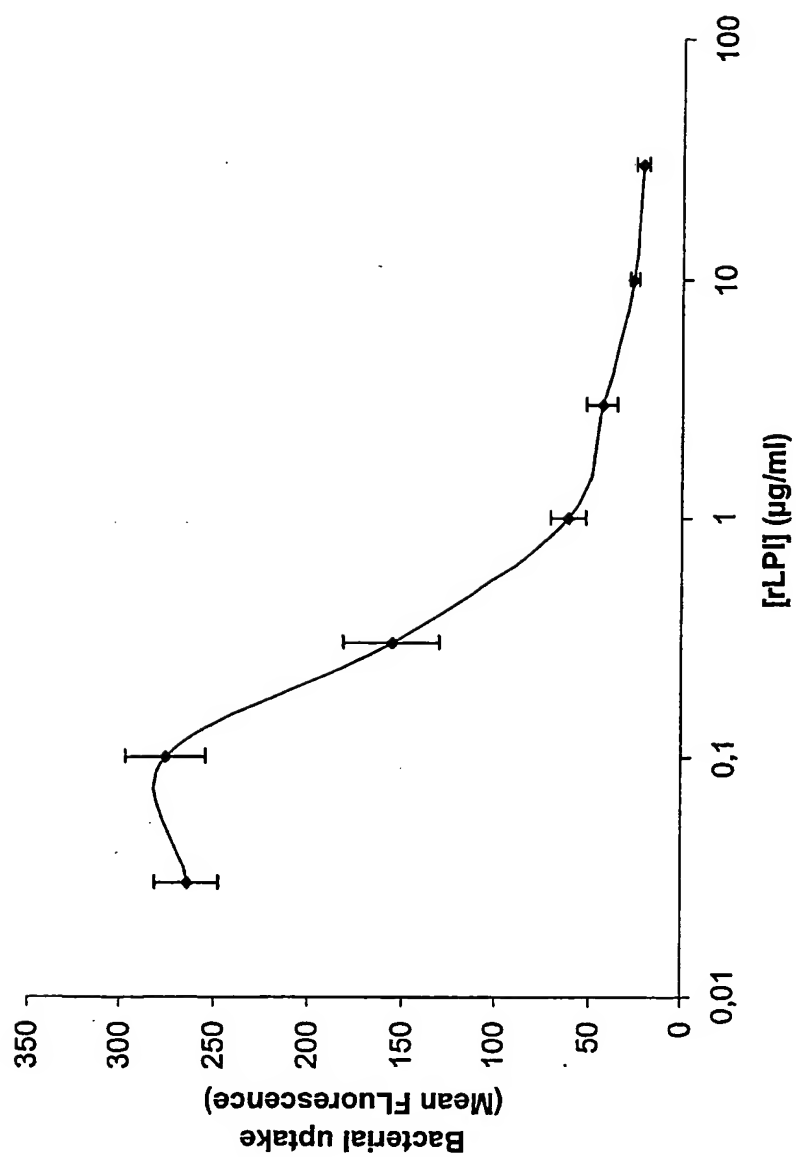


Figure 6

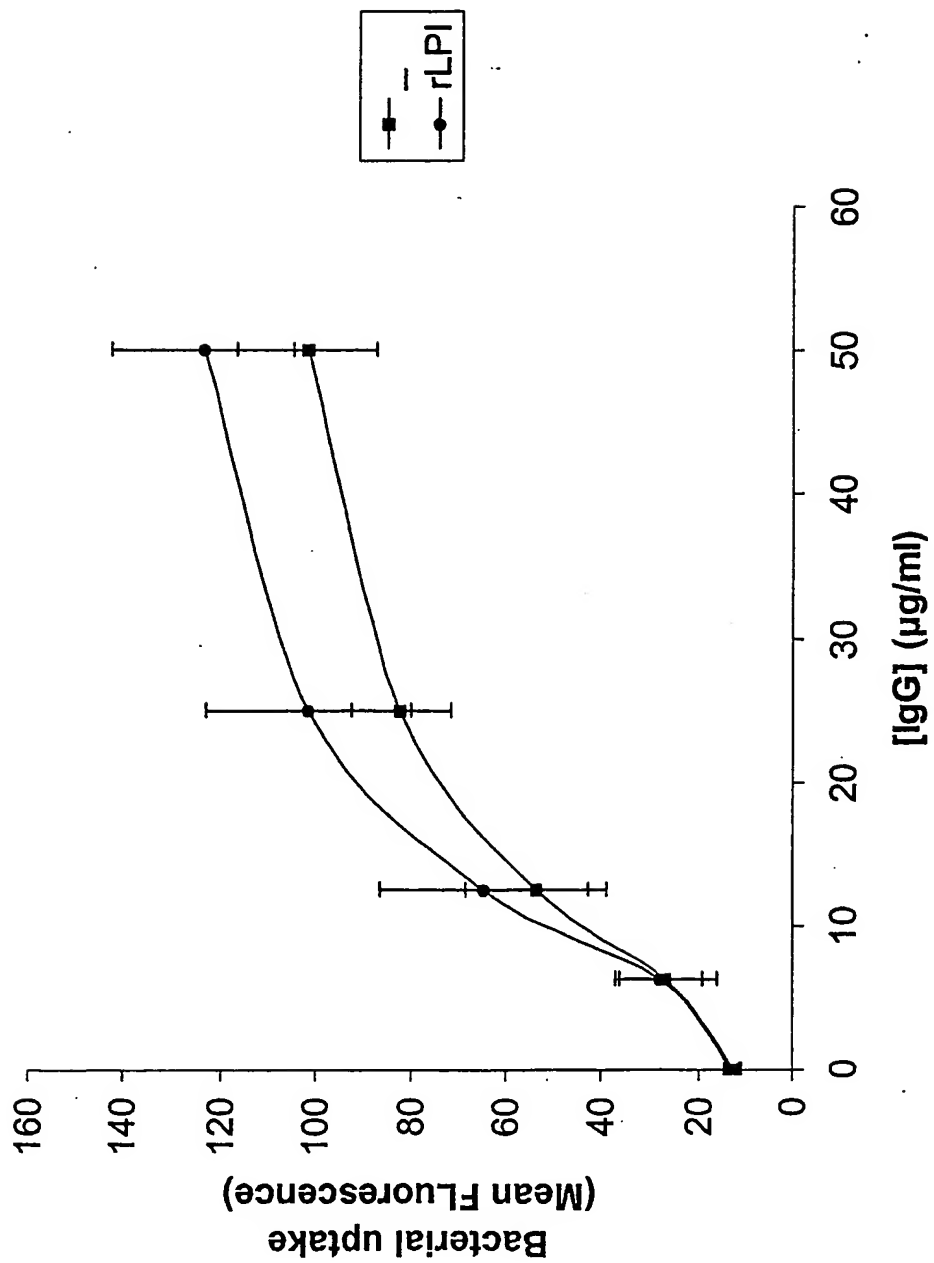
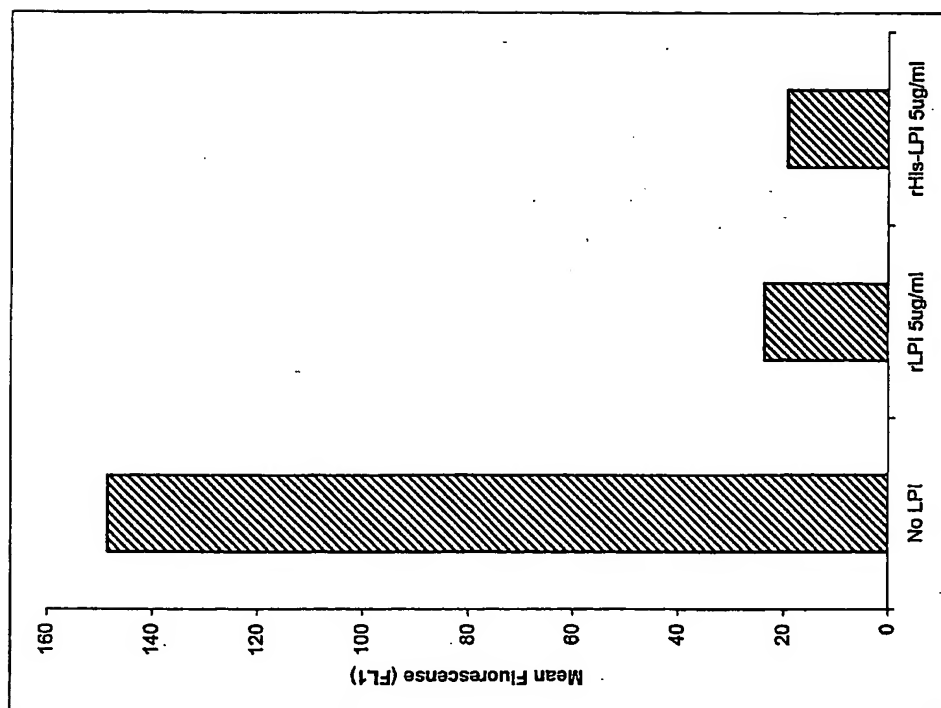


Figure 7



Figure 8



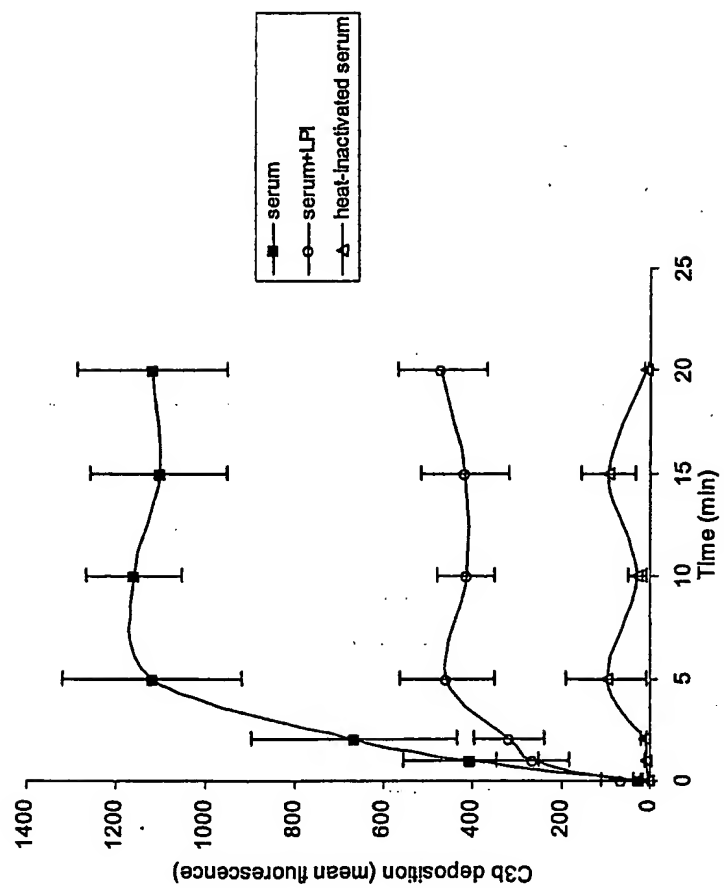


Figure 9

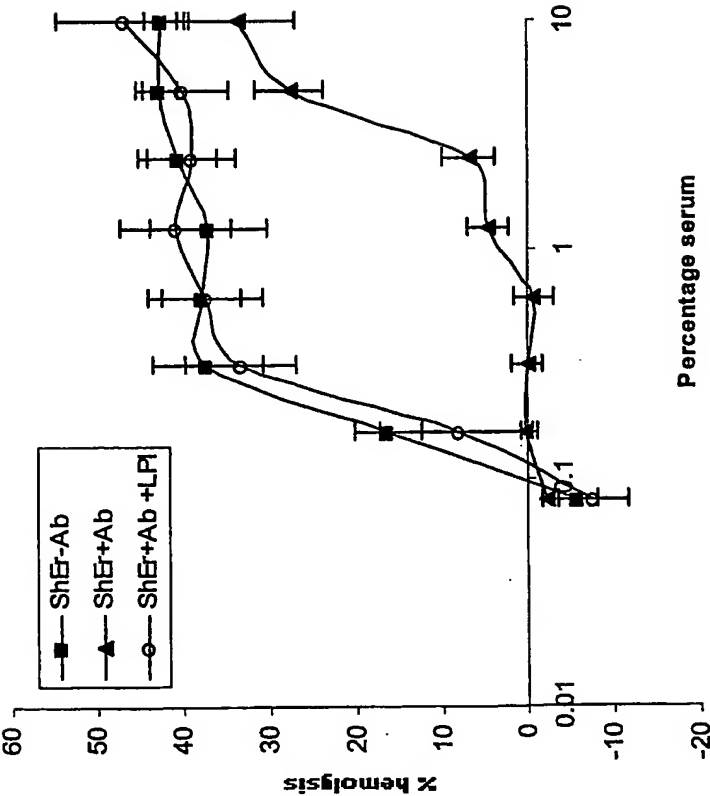


Figure 10

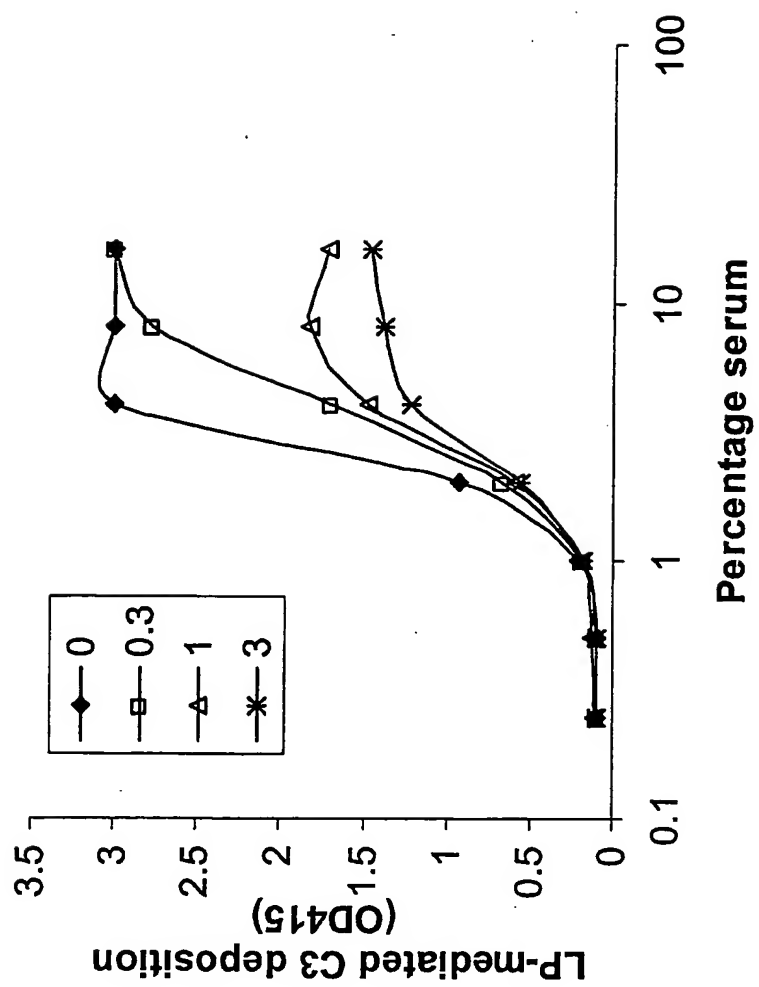
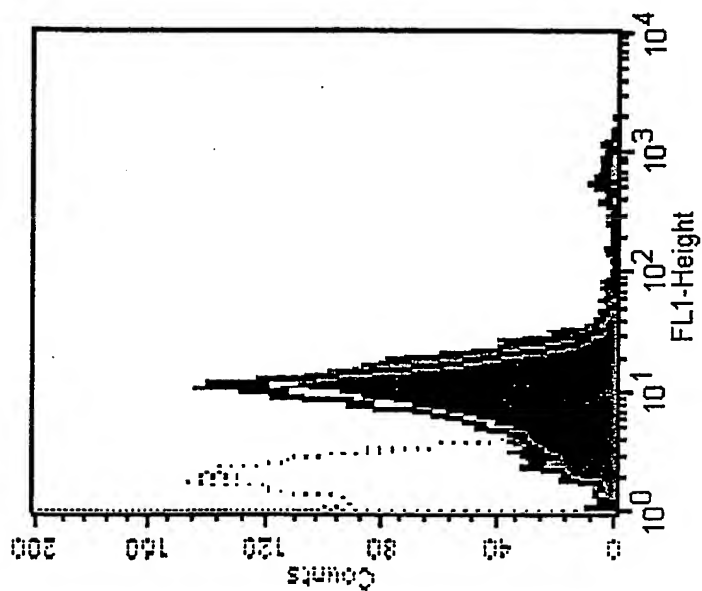


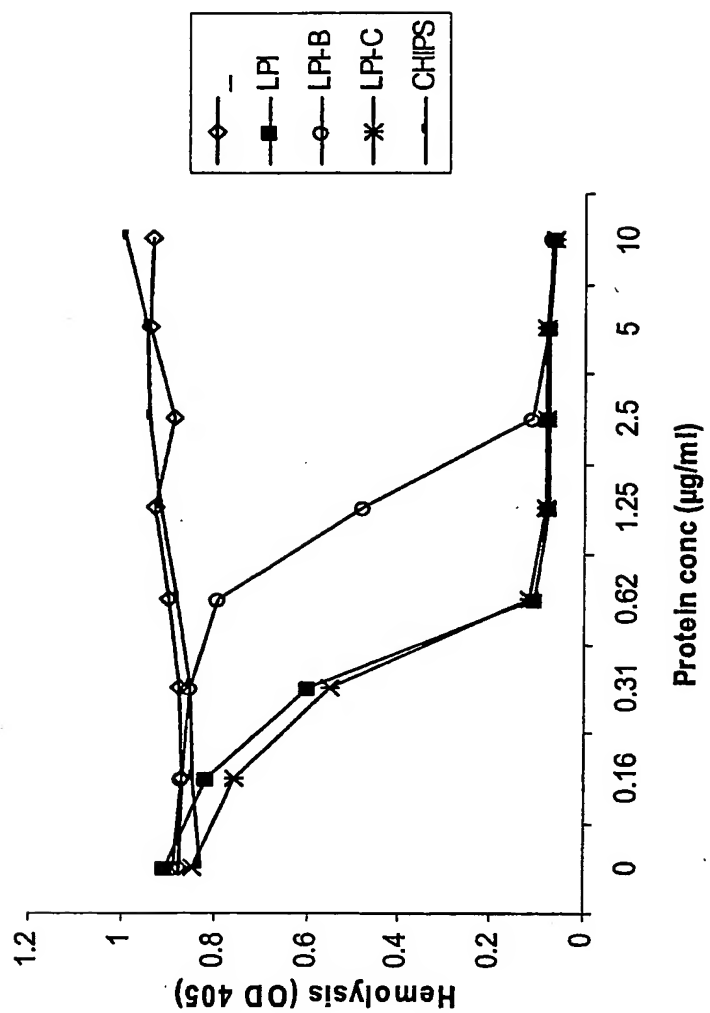
Figure 11

Figure 12

12A



12B



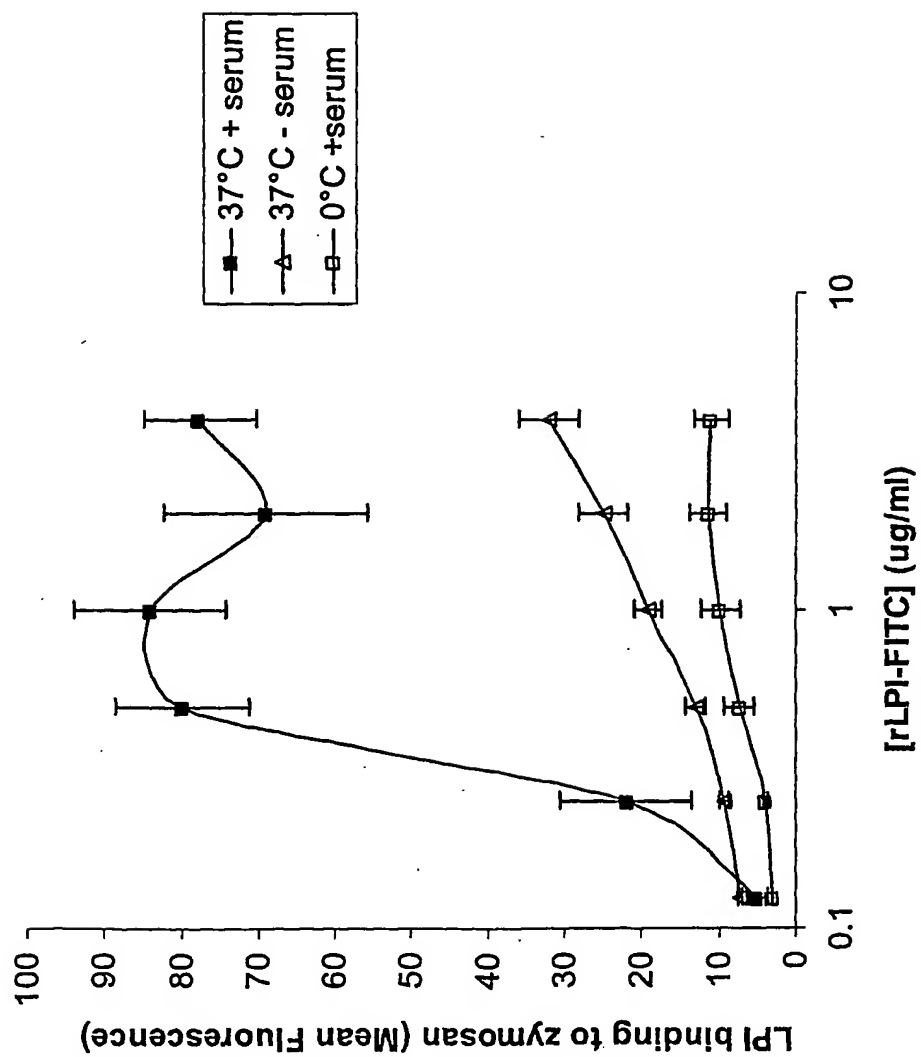


Figure 13

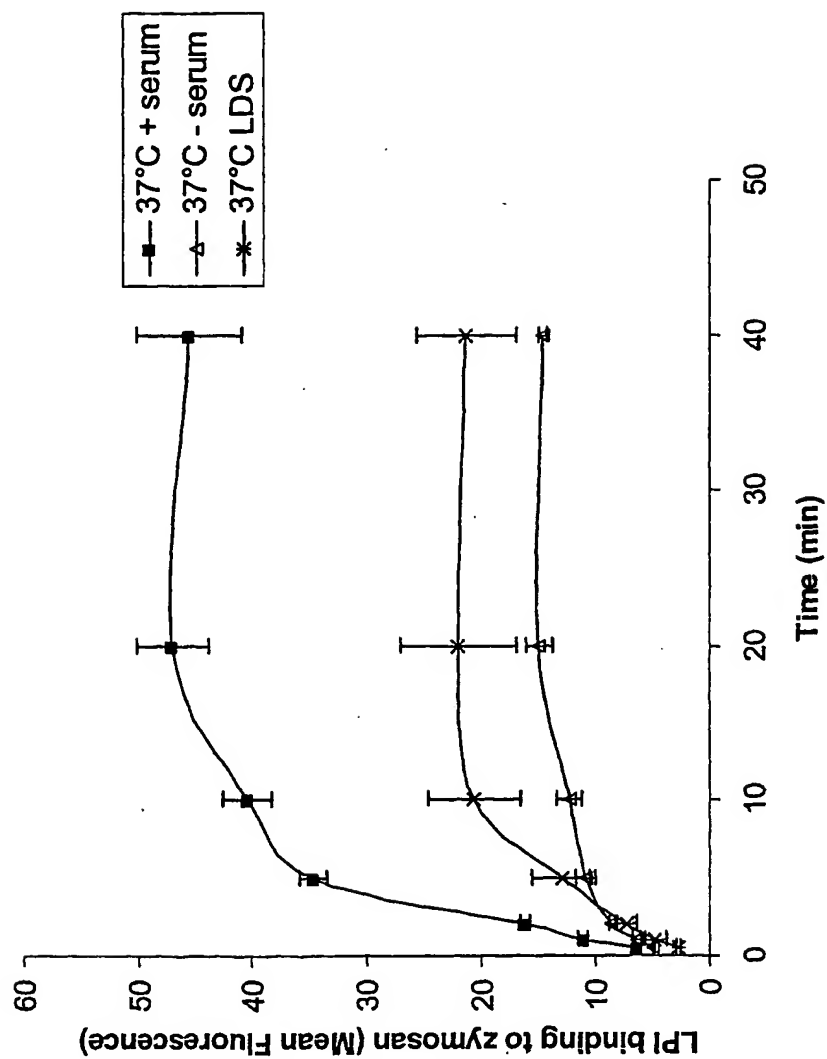


Figure 14

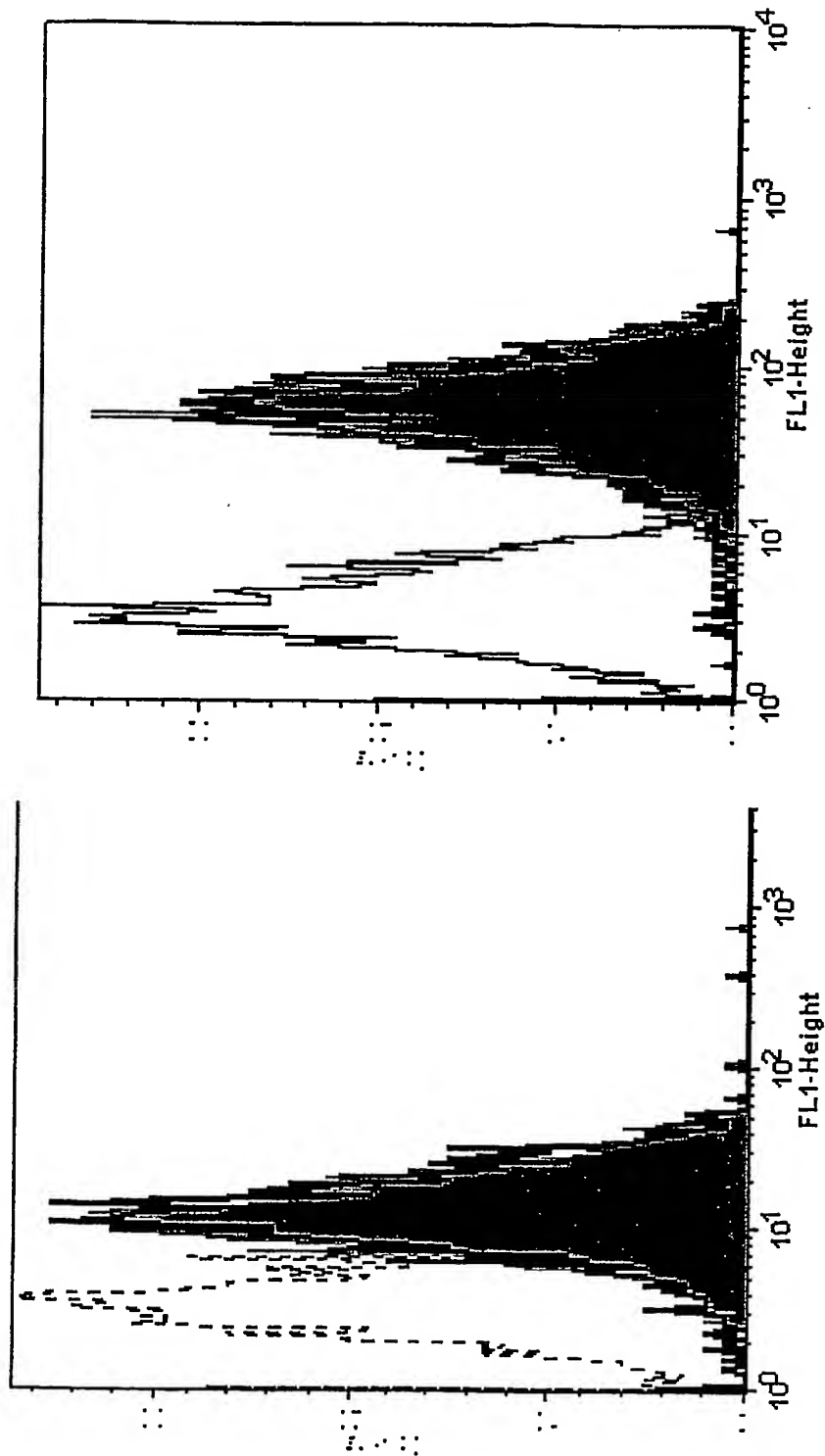


Figure 15



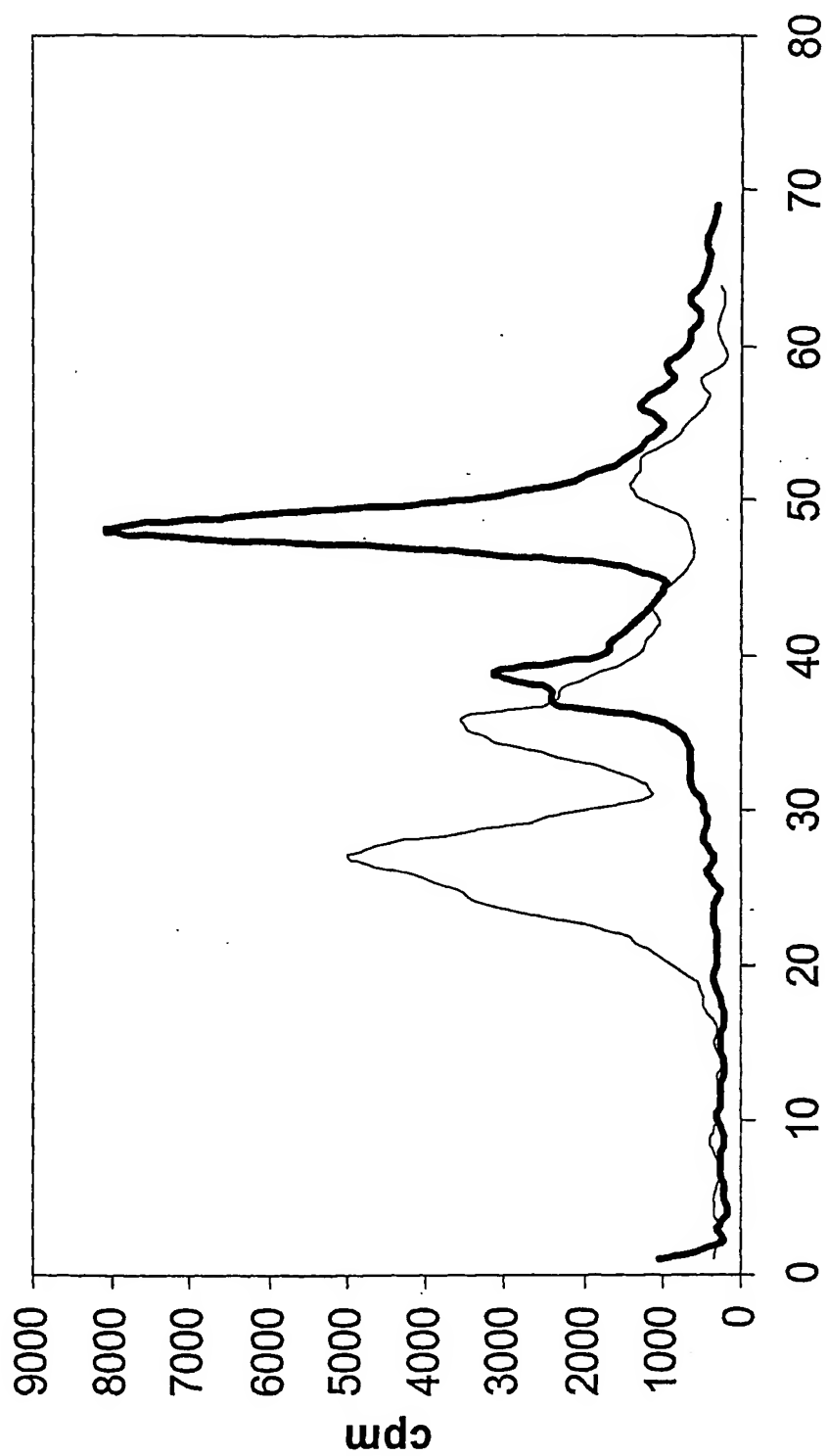
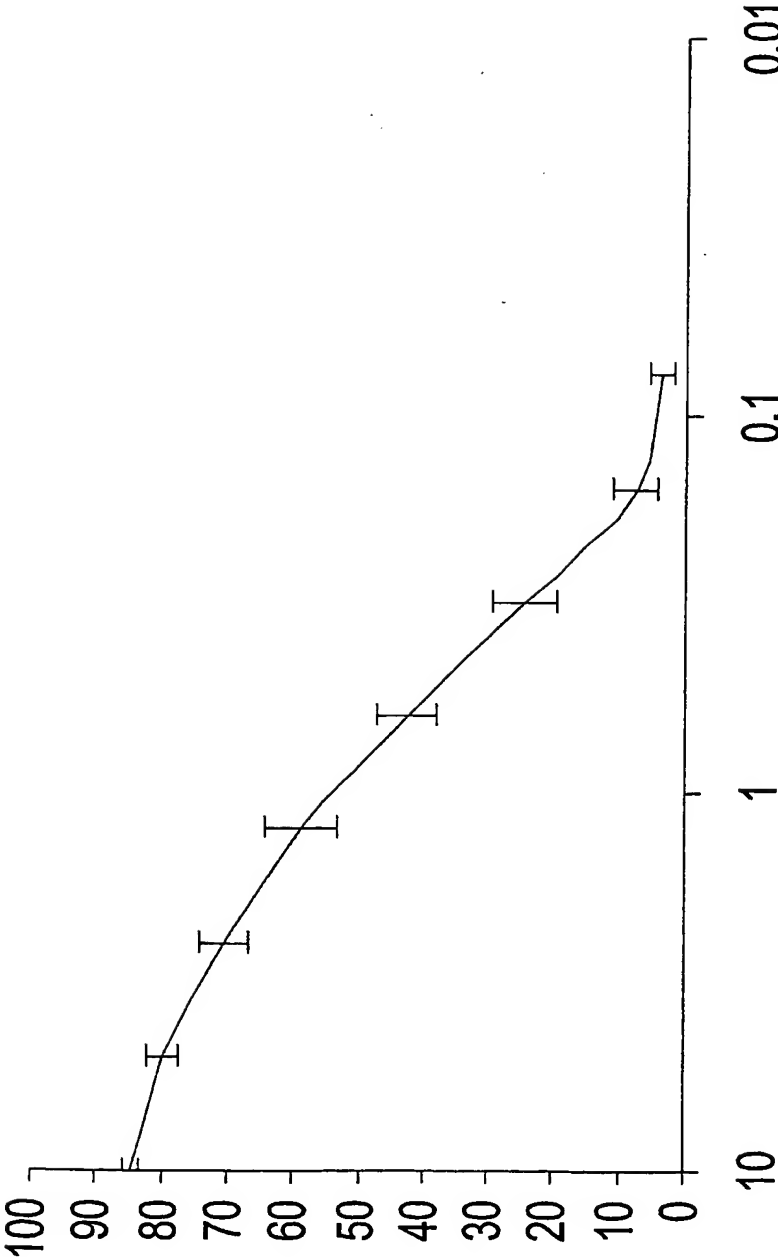


Figure 16

Figure 17



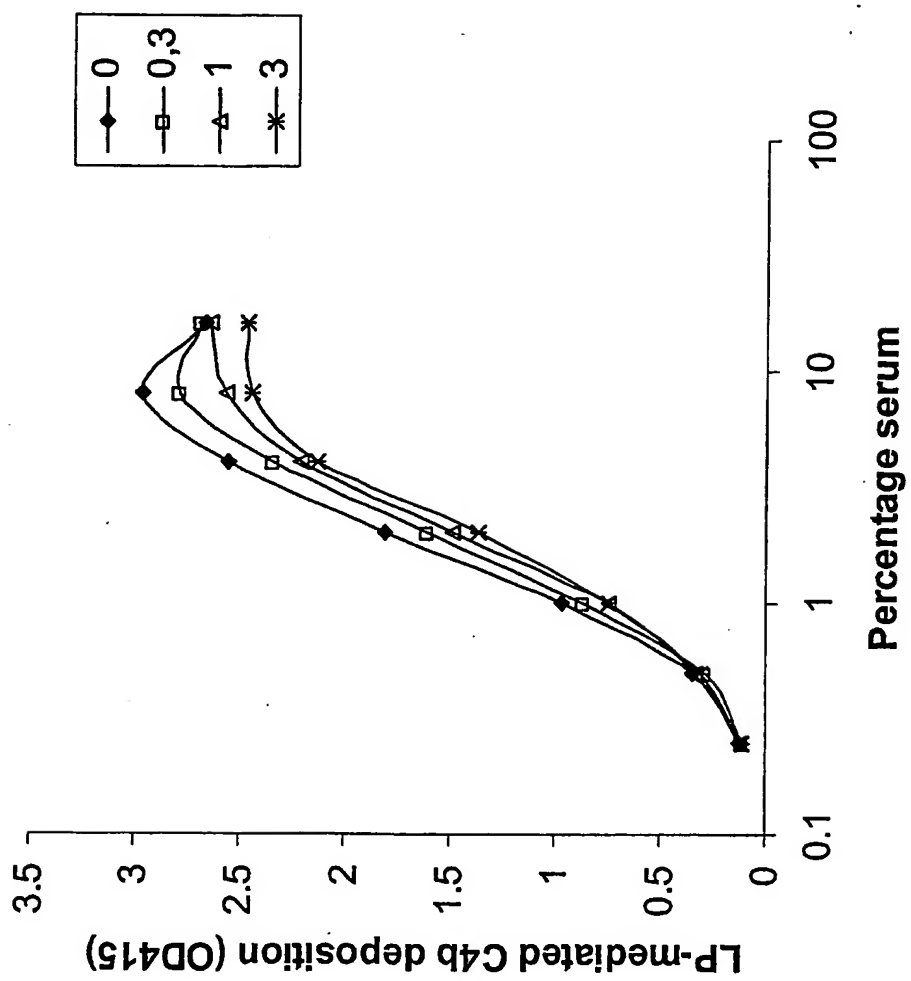


Figure 18

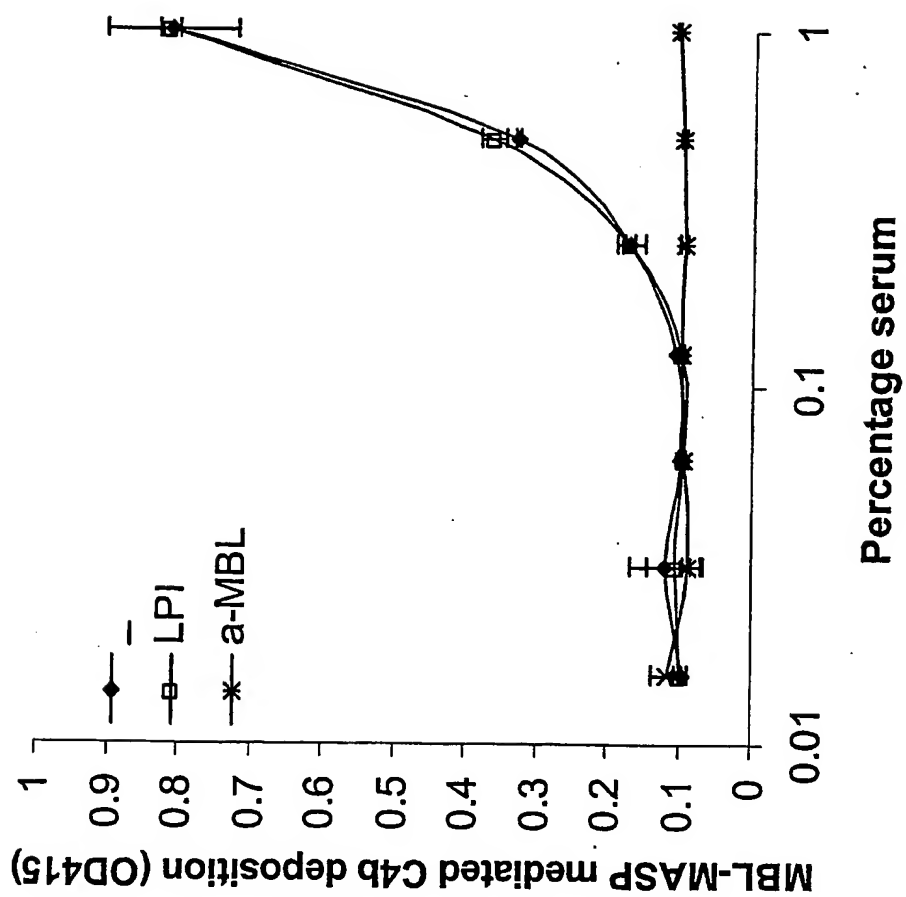
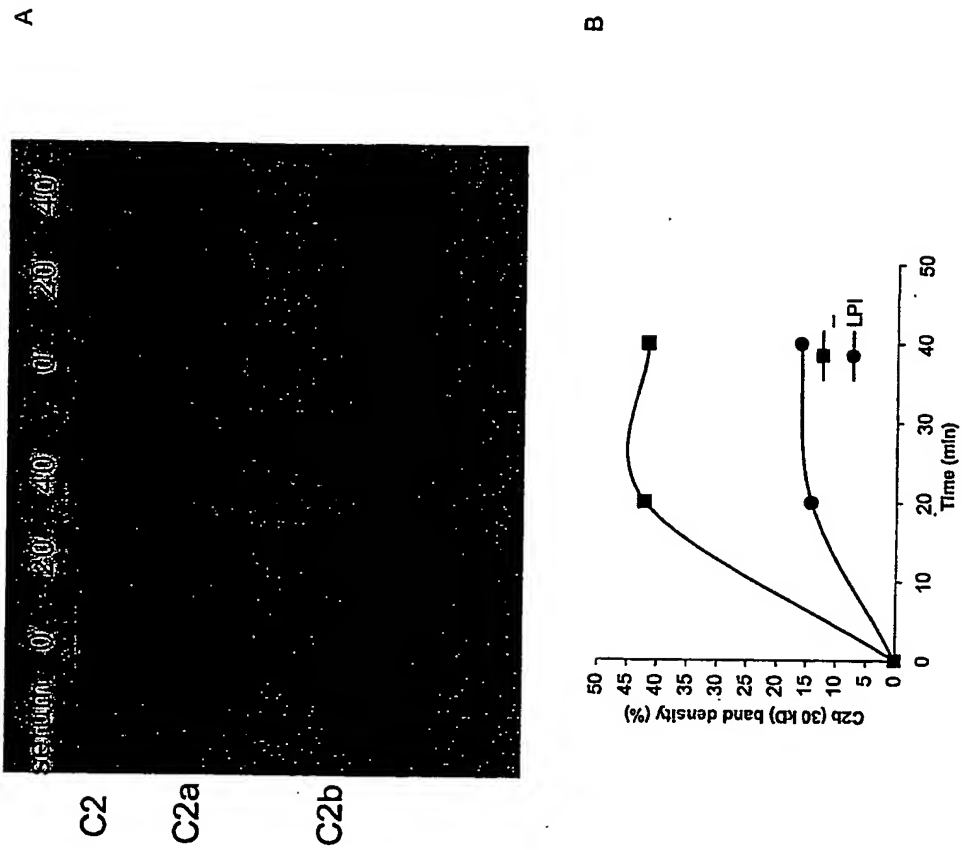


Figure 19

Figure 20



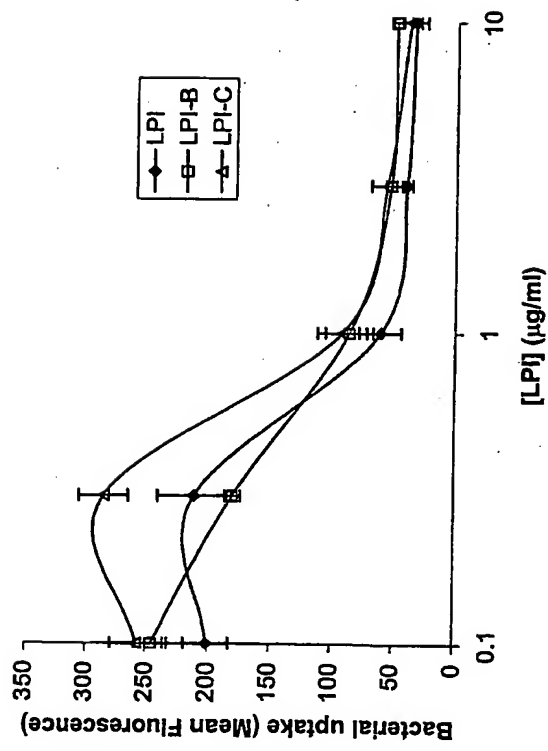


Figure 21

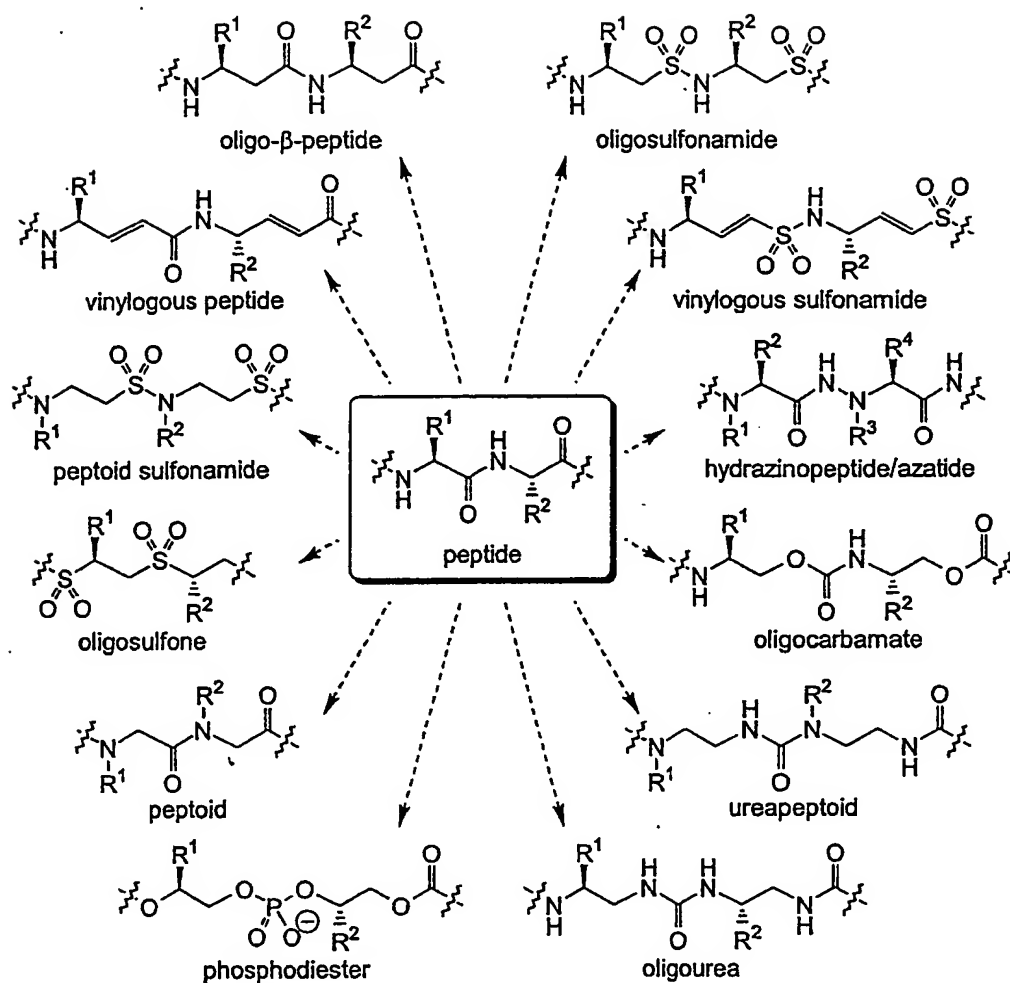


Figure 22 Structures of oligomeric peptidomimetics compared to the peptide structure